

ESKIN, V.A.; KRAMINSKAYA, N.N.; BERKUT, Yu. V.; IRLIN, Sh. P.; IZOROV, P.V.

Epidemiology and clinical characteristics of Ussuri leptospirosis.
Zhur. mikrobiol. epid. i immunit. no. 8:54-60 Ag '58. (MIRA 11:10)
(LEPTOSPIROSIS,
ussuri, epidemiol. in Russia & clin. aspects (Rus))

IRIINA, I.S.

Change in the thermostability of some free-living protozoa under the influence of a previous temperature regimen. Tsitologiya 2 no.2:227-234 Mr-Apr '60. (MIRA 14:5)

1. Laboratoriya tsitologii odnokletochnykh organizmov Instituta tsitologii AN SSSR, Leningrad.
(INFUSORIA) (TEMPERATURE—PHYSIOLOGICAL EFFECT)

2
POLYANSKIY, Yu. I., SUKHANOVA, K. M. and IRLINA, I. S.

"Temperature Adaptations of Free-Living and Parasitic Protozoans."
pp. 62

Institute of Cytology AS USSR Laboratory of Cytology of Unicellular
Organisms

II Nauchnaya Konferentsiya Instituta Tsitologii AN SSSR. Tezisy Dokladov
(Second Scientific Conference of the Institute of Cytology of the Academy
of Sciences USSR, Abstracts of Reports), Leningrad, 1962 66 pp.

JPRS 20,634

IRLINA, I.S.

Effect of habitat conditions and geographical distribution on the
adaptation to temperature of free-living protozoans. Vop. ekol.
7:72-73 '62. (MIRA 16:5)

1. Institut tsitologii AN SSSR, Leningrad.
(Protozoa) (Temperature—Physiological effect) (Adaptation (Biology))

IRLINA, I.S.

Effect of some salts and ethyl alcohol on infusoriam adapted
to various temperatures. TSitologiya 5 no.3:287-294 My-Je '63.
(MIRA 17:5)

1. Laboratoriya tsitologii odnokletochnykh organizmov Instituta
tsitologii AN SSSR, Leningrad.

IRLINA, I.S.

Resistance of *Paramecium caudatum* previously adapted to different temperatures to the injurious action of salts.
Sbor. rab. Inst. tsit. no. 3:92-101 '63. (MIRA 17:7)

1. Laboratoriya tsitologii odnokletochnykh organizmov AN SSSR.

IRLINSKIY, D.A.

OVECHKIS, YE. S., KRAVCHENKO, A. D., GRAD, N.YE., IRLINSKIY, D.A., TSIPENYUK, A.YA.

Hides and Skins

Efficient method for measuring stiff hides. Leg. prom. 12 no. 8, 1952

Monthly List of Russian Accessions, Library of Congress, October 1952. Unclassified.

IRLINSKIY, D.N., inzh.; OVECHKIS, Ye.S., kand. tekhn. nauk.

Efficient contours of skins used for welts. Leg. prom. 18 no.2:29-
30 F '58. (MIRA 11:2)

(Shoe manufacture)

IRLINSKIY, D.N.

OVRUTSKIY, M.Sh., kandidat tekhnicheskikh nauk; BRUSILOVSKIY, M.O., inzhener;
IRLINSKIY, D.N., inzhener; FISH, B.I., inzhener.

Production of stiff leather using mixtures of chromium and sulfite
woodpulp with SPS tannin. leg. prom. 17 no.5:25-26 № 57.
(Tanning) (MLRA 10:6)

IRLINSKIY, D.N.

Tanning of stiff leather in a screw conveyer apparatus. Kozh.-obuv.
prom. 3 no.1:34-37 Ja '61. (MIRA 14:5)

1. Glavnyy inshener Berdichevskogo kozhevennogo zavoda.
(Tanning)

KOZAREVSKIY, P.; IRMAN, J.; ORA, A., red.; PEDARI, J., tekhn.
red.

[Growing sugar beets at low labor costs] Suhkruppeedi
kasvatamine vähese tööjõukuluga. Tallinn, Eesti
Riiklik Kirjastus, 1962. 63 p. (MIRA 17:1)

IRMANOV, A

Fulfilling the agricultural work on time and ensuring a good harvest, a
basis for high yields in 1956. p. 5

MASHINIZIRANO ZEMEDELIE. Vol. 7, No. 2, Feb. 1956

Sofiya, Bulgaria

So. East European Accessions List Vol. 5, No. 9 September, 1956

IRMANOV, A.

Good use of combines in harvesting of grain crops. p. 16

MASHINIZIRANO ZEMEDELIE. Vol. 7, No. 6, June 1956

Sofiya, Bulgaria

So. East European Accessions List

Vol. 5, No. 9

September, 1956

IRMANOV, A.

IRMANOV, A. For high yields during 1957. p. 4.

Vol. 7, No. 9, Sept. 1956.
MASHINIZIRANO ZEMEDELIE
AGRICULTURE
Sofia, Bulgaria

So: East European Accession, Vol. 6, No. 2, February 1957

IRMANOV, A.

IRMANOV, A. Mechanization of keeping the snow on the sowed fields. p. 10
Vol. 7, no. 12 Dec. 1956 MASHINIZIRANO ZEMEDELIE. Sofia, Bulgaria

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

IRMANOV, A.; ASENOV, KH.

Bulgarian youth brigade in Siberia working on the virgin soil. p. 7.
(Mashinizirano Zemedelie, Vol. 8, no. 1. Jan. 1957, Bulgaria)

SO: Monthly List of East European Accessions (EFAL) LC, Vol. 6, no. 6, June 1957, Uncl.

IRMANOV, A. ; ATANASOV, A.

Let us organize strict control of the quality of the spring field work.

P. 7, (Mashinizirano Zemedelie) Vol. 8, no. 3 Mar. 1957, Sofia, Bulgaria

SO: Monthly Index of East European Accessions (EEAI) Vol. 6, No. 11 November 1957

IRMANOV, A.; ATANASOV, A.

Work of the direction and production councils in the machine-tractor stations.p.3.
(MASHINIZIRANO ZEMEDELIE, Vol. 8, no. 6, June 1957, Sofia, Bulgaria.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 12, December 1957 Uncl.

IRMANOV, A.

Separate gathering of the grain. p. 7.
(Kooperativno Zemedelie, Vol. (12) no. 6, June 1957. Sofia, Bulgaria)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

IRMATOV, M.

Use of an electronic computer in determining the optimum
brick transport scheme. Vop. vych. mat. i tekhn. no. 2:197-
204 '64. (MIRA 18:12)

IRMEDI-MOLNAR, L.

From the past of Hungarian cartography: also, remarks by M. Odlanicki, L. Bendezy, and A. Tarczy-Hornoch. In German. p. 261.

ACTA TECHNICA. (Magyar Tudomanyos Akademia) Budapest, Hungary.
Vol. 23, no. 1/3, 1959.

Monthly list of East European Accessions (EEAI). LC. Vol. 9, no. 1, Jan. 1960.
Uncl.

IRMEDI MOLNAR, Laszlo, dr., egyetemi tanar; TALLIAN, Ferenc;
TOTH, Aurel, dr., kozepiskolai tanar

Report of the Library Committee, Hungarian Geographical
Society. Foldr kozl 8 no.3:338-339 '60.

1. Magyar Foldrajzi Tarsasag valasztmanyi tagja. 2. Muszaki
osztalyvezeto, es a Magyar Foldrajzi Tarsasag Konyvtari
Bizottsaganak tagja (for Tallian). 3. Szakfelugyelo, es a
Magyar Foldrajzi Tarsasag Konyvtari Bizottsaganak tagja (for
Toth). 4. Magyar Foldrajzi Tarsasag Konyvtari Bizottsaganak
elnoke (for Irmédi Molnar).

IRMEDI MOLNAR, László

The library and the librarians of The Hungarian Geographical Society.
Feldr kezl 9 no.1:104-106 '61.

IRMEDI-MOLNAR, Laszlo, dr., egyetemi tanar

On the "Political and Economic World Atlas." Geod kart 14
no.3:149-152 '62.

1. Eotvos Lorand Tudományegyetem, Budapest.

IRMEDI-MOLNAR, Laszlo, dr., egyetemi tanar

Discoverers' maps. Geod kart 14 no.5:378-380 '62.

IRMEDI-MOLNAR, Laszlo, dr., egyetemi tanar

In commemoration of the 150th anniversary of the birth of Agoston
Teth, 1812-1889. Geed kart 14 no.6:452-453 '62.

1. Eotvos Lerand Tudomanyegyetem, Budapest.

IRMEDI-MOLNAR, László, dr., egyetemi tanár

Report on the First International Congress of the Members of the
Institute of Pyrenean Studies, Saragossa, 1950. Geod kart 14 no.6:465-
466 '62.

1. Eotvos Lorand Tudományegyetem, Budapest.

IRMEDI-MOLNAR, Laszlo, dr.

The Szeged circular rampart as leveling point. Geod kart
15 no.1:59-61 '63.

IRMEDI-MOLNAR, Laszlo, dr.

"Early maps of the British Isles, A.D. 1000-A.D. 1579" by
G.R. Grone. Reviewed by Laszlo Irmedi-Molnar. Good kart
15 no.1:75-76 '63.

IRMEDI-MOLNAR, Laszlo, dr.

Road maps made by Erhard Etzlaub of Nuremberg. Geol kart 15
no.2:127-129 '63.

IRMEDI-MOLNAR, Laszlo, dr.

•Introduction to the practical work of geography* by J. Tricart,
M. Rochefort, S. Rimbert. Reviewed by Laszlo Irmedi-Molnar.
Geol kart 15 no.2:145-146 '63.

IRMEBI-MOLNAR, Laszlo, dr.

Globes and celestial globes in the course of history. Geod kart
15 no.4:287-290 '63.

IRMEDI-MOLNAR, Laszlo, dr.

- "Cartographic documents of the Vatican" by Roberto Almagia.
Reviewed by Laszlo Irmedi-Molnar. Geod kart 15 no.4:311-312 '63.

IRMEDI-MOLNAR, Laszlo, dr.

"Early maps of North America" by R.M. Lunny. Reviewed by
Laszlo Irmedi-Molnar. Good kart 15 no.5:391-392 '63.

IRMEDI-MOLNAR, Laszlo, dr.

"Morphology of the Atlantic Ocean" by Theodor Stocks. Reviewed
by Laszlo Irmédi-Molnár. Geod kart 15 no.5:391 '63.

IRMEDI-MOLNAR, Laszlo, dr.

"The Cabot voyages and Bristol discovery under Henry VII" by James A. Williamson. Reviewed by Laszlo Irmedi-Molnar. Geod kart 16 no.3:231-232 '64.

"Short history of ancient cartography in Japan" by Takejiro Akioka, Nobuo Muroga. Reviewed by Laszlo Irmedi-Molnar. Ibid.:235-236

"Japanese research in the history of cartography." Reviewed by Laszlo Irmedi-Molnar. Ibid.:236-237

IRMEDI-MOLNAR, Laszlo, dr.; TAKACS, Jozsef, dr.

Remarks about the article "Cartographic geography", a
new, developing branch of science. Geod kart 16 no.5:
360-364 '64.

ASKEROV, A.Yu.; IRMES, M.L.

Rare case of focal neurofibromatosis of the sympathetic trunks; from medicolegal practice. Azerb. med. zhur. 42 no.2:66-68 F '65. (MIRA 18:7)

1. Iz byuro sudebnomeditsinskoy ekspertizy Ministerstva zdravookhraneniya Azerbaydzhanskoy SSR (nachal'nik - Yu.N.Semenov-).

IRMLER, Rudolf, inz.

Surveyor's goniometer for raises. Rudy 10 no.11:30-384 N
'62.

1. Vysoka skola lesnicka a drevarska, Zvolen.

IRMLER, R., inz.

"Cartography" by [doc. inz. dr.] J. Kovarik, [inz.] K. Dvorak.
Reviewed by Irmier. Rudy 12 no.10:388 O '64.

IRMUKHAMEDOV, A.A.; TALIKOV, N.A.

Renal functional and morphological changes in liver cirrhosis.
Med. zhur. Uzb. no.5:40-43 My'63 (MIRA 17:4)

1. Iz kafedry terapii (zav. - prof. A.S. Mnushkin) i kafedry
patologicheskoy anatomii (zav. - prof. R.I. Danilova) Tash-
kentskogo instituta usovershenstvovaniya vrachey.

IRMUKHAMEDOV, Kh.

Drawing in of sediments into the turbine water ducts of
hydrostations with a layer-by-layer water intake system.
Izv. AN Uz.SSR.Ser.tekh.nauk 6 no.2:49-57 '62. (MIRA 15:7)

1. Institut vodnykh problem i gidrotekhniki AN UzSSR.
(Hydraulic turbines)

IRNATOWICZ, Stefan, mgr inz.

Recent achievements in the construction of rock-fill dams.
Gosp wodna 25 no.3:110-118 Mr '65.

IRNIYAZOV, B.V.

Determination of the coefficient of seepage based on the
results of experimental multiple pumping. Uzb. geol. zhur.
(MIRA 18:11)
9 no.5:81-86 '65.

1. Institut gidrogeologii i inzhenernoy geologii Gosudarst-
vennogo geologicheskogo komiteta SSSR. Submitted March 26,
1965.

IRODOV, A., OS'MAK, I.

Corn Picket (Machine)

Harvesting corn with machines. Kolkh. proizv. 12 no.8, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. UNCLASSIFIED.

KUDRYAVTSEV, A.B.; IRODOV, A.N.; YEMEL'YANOV, D.P.; KUZ'MIN, Yu.S.;
SVETLOVA, L.V.

Application of the ultrasonic "UZG-10" generator in the
cleaning of the inner tube valve surface in aqueous media.
Kauch. i rez. 24 no.7:49-51 JI '65. (MIRA 18:8)

1. Yaroslavskiy shinnyy zavod.

Translation from: Referativnyy zhurnal. Mekhanika, 1957, Nr 4, p 42 (USSR) SOV/124-57-4-4150

AUTHORS: Irodov, A. V., Kovalenko, A. Ya.

TITLE: Investigation of the Nonuniformity of the Air Flow in Large-size Ducted Fans (Issledovaniye neravnomernosti vozdušnogo potoka širokikh ventilyatorov)

PERIODICAL: Nauchn. tr. Ukr. n.-i. in-t mekhaniz. s. kh. Kiyev, Gosset'kho-zizdat UkrSSR, 1954, pp 84-97

ABSTRACT: An exposition is given of the results of an experimental study of the distribution of the air velocities in the discharge duct of ducted fans furnished with two lateral inflow ports, which are used for separating the chaff from the grain in threshing machines and harvester combines. The velocity field in the outflow port is characterized by the mean velocity of the flow through its cross-sectional area:

$$V_{\text{mean}} = \frac{\sum V_i}{n}$$

and by the coefficient of nonuniformity.

$$K = \frac{1}{V_{\text{mean}}} \sqrt{\frac{\sum (V_i - V_{\text{mean}})^2}{n - 1}}$$

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Investigation of the Nonuniformity of the Air Flow in Large-size Ducted Fans

SOV/124-57-4-4150

where V_i is the local velocity past a point of the outflow cross section of the ducted fan and n is the number of points measured. In the preliminary tests the authors found that with a relatively uniform velocity field in the outflow cross section of the fan an increase in the mean outflow velocity from 4 to 6 m/sec leads to the carry-off of grain with the chaff and a consistent impoverishment of the chaff content in the grain. The increase of the mean velocity with a nonuniform distribution of the velocities in the outflow port of the fan leads to a consistent increase of grain in the chaff and chaff in the grain, i. e., to unsatisfactory separating action.

I. A. Shepelev

Card 2/2

I RODOV, A.K.

OS'MAK, Illarion Terent'yevich; IRODOV, Aleksandr Vyacheslavovich;
STEPANENKO, A.N., inzh., retsenzent; DAVIDENKO, V.M., Patsenznet;
SERDYUK, V.K., inzh., red.; HUDENSKIY, Ya.V., tekhn.red.

[Corn-harvesting machinery] Mashiny dlia uborki kukurusy. Kiev.
Gos.nauchno-tekhn.izd-vo mashinostroit..lit-ry, 1957. 276 p.
(Corn picker (Machine)) (MIRA 11:4)

BELOZERTSEV, A.G., kand. ekonom. nauk; GULDIN, M.V.; IRODOV, A.V.; KAPLAN, S.M.; KOLYSEV, P.P.; PAVLOV, P.V. [deceased]; KRYUKOV, V.L., red.; GREBTSOV, P.P., red.; PEVZNER, V.I., tekhn. red.

[Over-all mechanization of the growing and harvesting of corn] Kompleksnaya mekhanizatsiya vozdeleyvaniya i uborki kukuruzy. By A.G. Belozertsev i dr. Moskva, Gos. izd-vo sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 335 p. (MIRA 14:11)
(Corn (Maize)) (Agricultural machinery)

IRODOV, D.I.

PISKUNOV, V.Ya., inzhener.

"Scrapers in hydrotechnical construction." D.I.Irodov, Kh.I.Kostin.
Reviewed by V.IA.Piskunov. Gidr.i mel.6 no.4:63-64 Ap '54. (MLRA 7:5)
(Scrapers) (Irodov, D.I.) (Kostin, Kh.I.)

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SOV/112-59-2-2708

Translation from: Referativnyy zhurnal- Elektrotehnika, 1959, Nr 2, p 61 (USSR)

AUTHOR: Bodunov, S. I., Irodov, D. I., and Meshcheryakov, A. I.

TITLE: Bulk Work and Special Work in Construction Hydroelectric Generating Stations (Proizvodstvo massovykh i spetsial'nykh rabot na stroitel'stve gidrostantsiy)

PERIODICAL: V sb.: Energ. str-vo SSSR za 40 let. M.-L., Gosenergoizdat, 1958, pp 89-124

ABSTRACT: Bibliographic entry.

Card 1/1

IRODOV, D.I., inzh.; SOKOLOV, V.A., inzh.

The KBGS-101 building and assembling tower crane to be used in building hydraulic structures. Energ. stroi. no.2:67-70 '59

(MIRA 13:3)

1. Glavgidroenergostroy.
(Cranes, derricks, etc.)

IRIDOV, I. Ye.

PHASE I BOOK Y.D. 10N 30V/3556

Moscow. Inzhenerno-fizicheskiy institut
Mekhanizmy voprosy eksperimental'noy fiziki. (Laboratory) vop. 2
(Some Problems in Experimental Physics. Collection of Articles.
No. 2) Moscow, Atomizdat, 1959. 123 p. 3,200 copies printed.

Sponsoring Agency: RSFSR. Ministerstvo vysshego i srednego
spetsial'nogo obrazovaniya.

Ed.: B. M. Stepanov, Doctor of Physical and Mathematical Sciences,
Professor; Techn. Ed.: S. M. Popova.

PURPOSE: This collection of articles is intended for graduate
engineers and physicists engaged in the design of physics
(laboratory) apparatus, and automatic and telemechanic equipment.

COVERAGES: This collection of articles on experimental physics was
written by members of the Moscow Physics and Engineering Insti-
tute. Each article is accompanied by drawings and references.

32
Dolgoshein, B. A., B. I. Lukhkov, and V. I. Ushakov. Operation of
Gas-Discharge Counters During Overloading Pulses.
The authors describe the results of a study of the operation
of the PDS, DS-9 and DS-30 standard counters under controlled
pulses of varying conditions. The dependence of ionization
current on pulse feed conditions was studied and a simple
method of measuring discharge propagation speed along the coun-
ter electrode is described.

40
Vlasov, A. D. Lenses Compensating the Effect of Intersection
Groups in a Linear Proton Accelerator
The problem of compensating the unfavorable effect of inter-
section groups on radial oscillations of particles in a linear
proton accelerator is discussed.

50
Jakovlev, I. Ye. Calculating the Profiles of Magnetic Poles
The article describes a method of computing profiles of the
poles of magnetic analyzers of charged particles for a given
field distribution in the plane of symmetry (the fringe effect
is not taken into account).

54
Milor, A. P. Some Ionit Optical Properties of Static Axially
Symmetrical Magnetic and Electric Fields
The author reports on the nonlinear study of the ionic optical
properties of crossed, axially symmetrical, sectoral type elec-
tric and magnetic fields with unequal amplitudes and edges
of arbitrary form.

60
Vorob'yeva, M. A. Sensitivity of the Glowing Dot Method
Miller-Herrmann, V. D., B. A. Dolgoshein, A. M. Mushkatchuk, L. P.
Mironova. Scattering of Neutrons with a Pulse of About 100 nsec.
c-1 in Copper and Iron

80
Dolgoshein, B. A. and B. I. Lukhkov. Polarization of Flow of α -
ions at Sea Level

92
Petrovichov, V. I. Heat Transfer During Turbulent Mercury Flow
in Narrow Rectangular Channels
The author describes experimental results on heat transfer of
mercury in narrow circular channels for 2 ratios of outside and
inside diameters (1.45 and 1.75). A constant flow head was applied
to the exterior wall of the tube. The authors give a possible method
of computing heat transfer based on ordinary formulas for smooth
pipes.

100
Repova, O. M., N. A. Vasil'eva, and B. I. Lukhkov. Determining the
Specific Surface of Powders by the Electron Microscopy Method
Vakhnin, V. M. and V. M. Zakharenko. Radiometer of a Radio Spectro-
scopy of Electromagnetic Radiation
The authors describe a new design of a radiometer device of
a radio spectroscopy for electron microscopy.

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PHASE I BOOK EXPLOITATION

SOV/3202

Irodov, Igor' Yevgen'yevich

Sbornik zadach po atomnoy fizike (Collection of Problems on Nuclear Physics)
Moscow, Atomizdat, 1959. 150 p. (Series: Uchebnaya biblioteka)
14,000 copies printed.

Ed. : V.I. Labaznov; Tech. Ed.: N.A. Vlasova.

PURPOSE: This book is intended for students of physics at higher institutions of learning.

COVERAGE: This is a collection of more than 500 problems on atomic physics with detailed procedures for solving the more difficult ones. Each chapter contains a short review of the basic concepts and relationships required for solving the problems. The supplements include important physical constants, and other tables. The author is affiliated with the Moscow Engineering and Physics Institute. No personalities are mentioned. No references are given.

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Collection of Problems on Nuclear Physics

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Foreword

1. Thermal Radiation
2. Quantum Nature of Light
3. The Rutherford-Bohr Atom
4. Wave Properties of Particles
5. Alkali Metal Spectra. Fine Structure
6. Vector Model of an Atom. An Atom in a Magnetic Field
7. Diamagnetism and Paramagnetism
8. X-rays
9. Many-electron Atoms. Periodic Systems of Elements
10. Diatomic Molecules

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Card 2/3

IRODOV, I. YE.

PHASE I BOOK EXPLOITATION

SOV/5717

Moscow. Inzhenerno-fizicheskii institut.

Priory i metody analiza izlucheni; sbornik nauchnykh rabot, vyp. 2. (Apparatus and Methods for the Analysis of Radiation; Collection of Scientific Papers, no. 2) Moscow, Atomizdat, 1960. 166 p. 4000 copies printed.

Sponsoring Agency: Ministerstvo vysshego i srednego spetsial'nogo obrazovaniya RSPSR. Moskovskiy Inzhenerno-fizicheskii institut.

Ed. (Title page): Ye. L. Stolyarova, Candidate of Physics and Mathematics;
Tech. Ed.: S. M. Popova.

PURPOSE: This collection of articles is intended for specialists in nuclear physics, dosimetry of nuclear radiations, and shielding.

COVERAGE: The articles were prepared by scientists of MIFI (Moscow Physics and Engineering Institute) and presented at the 1957 conference of the Institute. Brief annotations to the articles have been included in the Table of Contents. No personalities are mentioned. References follow each article.

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Apparatus and Methods for the Analysis (Cont.)

SOV/5717

✓ Stolyarova, Ye. L., and G. G. Doroshenko. Delayed Coincidence Unit for Measuring Time intervals of 10^{-10} - 10^{-7} sec

144

This unit has greater possibilities than other known units. Use of pentodes with secondary emission under special conditions permits blocking of the limiter with one photoelectron from the photocathode. The characteristic impedance of the delay line (150 instead of the usual 92 ohm) enhances the amplitude of the pulse for the incidence selection. At resolving time $2\tau = 2.5$ nsec the recording efficiency is 60%.

Nelipa, N. F. and V. A. Feoktistov. Determination of Small-Phase Pi-Meson Scattering by Nucleons

155

A general equation is given for the polarization of recoil nucleons emerging during the formation of pi-mesons by photons.

Irodov, I. Ye. Resolving Power of Analyzers With a Radially Symmetric Magnetic Field

157

Problems relating to the resolving power of analyzers are discussed.

Card 7/8

IRODOV, Igor' Yevgen'yevich; MUKHTAROV, Ch.K., dotsent, nauchnyy red.;
KUKOLEVA, T.V., red.; ANDREYENKO, Z.D., red.; VLASOVA, M.A.,
tekh.n.red.

[Collected problems in atomic physics] Sbornik zadach po atomnoi
fizike. Moskva, Gos.izd-vo lit-ry v oblasti atomnoi nauki i
tekhniki, 1960. 238 p. (MIRA 14:2)
(Nuclear physics)

IRODOV, I. Ye.

Resolving capacity of analysers with radially-symmetric magnetic
fields. Sbor. nauch. rab. MIFI no.2:157-160 '60. (MIRA 14:3)
(Isotope separation--Equipment and supplies)

S/058/61/000/009/004/050
A001/A101

AUTHOR: Irodov, I.Ye.

TITLE: Plane-parallel magnetic fields with increased dispersion

PERIODICAL: Referativnyy zhurnal. Fizika, no. 9, 1961, 27-28, abstract 9B30 (V sb. "Pribory i metody analiza izlucheniya", no. 2, Moscow, Atomizdat, 1960, 161 - 166)

TEXT: Dispersion is one of the decisive factors on which depends resolving power of magnetic analyzers. In the case of a plane-parallel field, dispersion is proportional to the focusing angle of charged particles, i.e. in the end, to curvature of trajectory. In the present work the author calculates, using the method of graphical analysis, the magnetic analyzer with non-uniform field in which trajectories of particles have a considerable curvature. An experimental testing of the calculation results was carried out on an electromagnet with 54 - 90 cm pole shoes whose profile ensured generation of field close to the rated one in its shape. It is shown that dispersion of the instrument is 1.5 times as high as in conventional versions of analyzers (180°) with the plane-parallel field. In comparison with the radial-symmetric field with focusing for

Card 1/2

IRODOV, Igor' Yevgen'yevich; MEL'NIKOVA, A.I., red.; HAZEL', Ye.I.,
tekhn. red.

[Problems in atomic and nuclear physics] Sbornik zadach po
atomnoi i iadernoi fizike. Izd.3., perer. i dop. Moskva,
Gosatomizdat, 1963. 343 p. (MIRA 16:12)
(Nuclear physics--Problems, exercises, etc.)

IRDOV, M., inzh.

What's new in foundation engineering. Na stroi. Mosk. 2
no.10:13-16 0 '59. (MIRA 13:2)
(Foundations)
(Piling (Civil engineering)--Equipment and supplies)

IRODOV, M.D., inzh.

New foundation elements for antenna towers. Vest. aviazi 20
no.8:5-7 Ag'60. (MIRA 13:10)
(Radio--Antennas) (Foundations)

12.2500

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S/100/60/000/009/002/005
A053/A026

AUTHOR: Irodov, M.D., Engineer

TITLE: M3C-13 (MZS-13) Machine for Sinking Screw Piles and Anchors into the Ground

PERIODICAL: Mekhanizatsiya Stroitel'stva, 1960, No. 9, pp. 14 - 16

TEXT: The Leningrad Branch of VNIISroydormash (authors: K.P. Lebedev, (deceased) B.A. Postnikov, M.D. Irodov, N.N. Anichkin, M.A. Shkud) has worked out the design of a truckmounted machine MZS-13 for sinking screw piles into the ground; these piles are 6 - 8 m long, weigh 3,000 kg and have large-bladed anchors, (1,300 mm diameter of blade) and are used in the construction of masts and antennae. Foundations on screw piles and anchors have very great economical and technical advantages as compared with the locally made concrete foundations. An experimental model of the MZS-13 has been built by the Mytishchenskiy mashinostroitel'nyy zavod (Mytishcheno Machine Building Plant) and the Zavod tyazhelogo mashinostroyeniya (Heavy Machine Building Plant) in Elektrostal' city in October 1959, and has passed all plant and field tests. The MZS-13 is mounted on a reinforced chassis of the truck tractor YA3-214 (YAAZ-214) and consists of the following units: a working unit, four props, which take the reactive torque, transmission of the gear of

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S/100/60/000/009/002/005
A053/A026

M3C-13 (MZS-13) Machine for Sinking Screw Piles and Anchors into the Ground

rotation and of the inclination of the working unit, hydraulic gear connecting the hoist of the working unit with the jacks of the props, a control panel, and auxiliary equipment. A drive shaft serves as transmission from the gear box of the YaA Z-214 to the distribution box, which transmits the rotary motion to the hoist and the reversing box, which serves to reverse the rotation of the working unit and to change the angle of inclination. Three transmissions of the hydraulic pump gear are intended for sinking piles and anchors of three dimensions, corresponding with the pitch of the screw blades: 160, 200 and 260 mm. Two drive shafts serve to transmit rotation from the reversing box to the reducing gear of the working unit and to the reducer of the tilt angle changer of the tube. The working unit consists of: base, revolving tube, hoist, carriage, lower flange and girder. The design of the working unit permits the following operations in sinking piles or anchors: Taking the shell inside the tube of the working organ, slipping it over the pile or anchor and placing it at the desired incline between 0 and 45° to the vertical, sinking the pile or anchor into the soil through rotation, utilizing the axial load; in case of need to screw out the pile or anchor, by reversing the rotary movement. The reactive torque developing during sinking of the pile is taken up by four propjacks built into the frame of the unit. The operations of the mechanism are con-

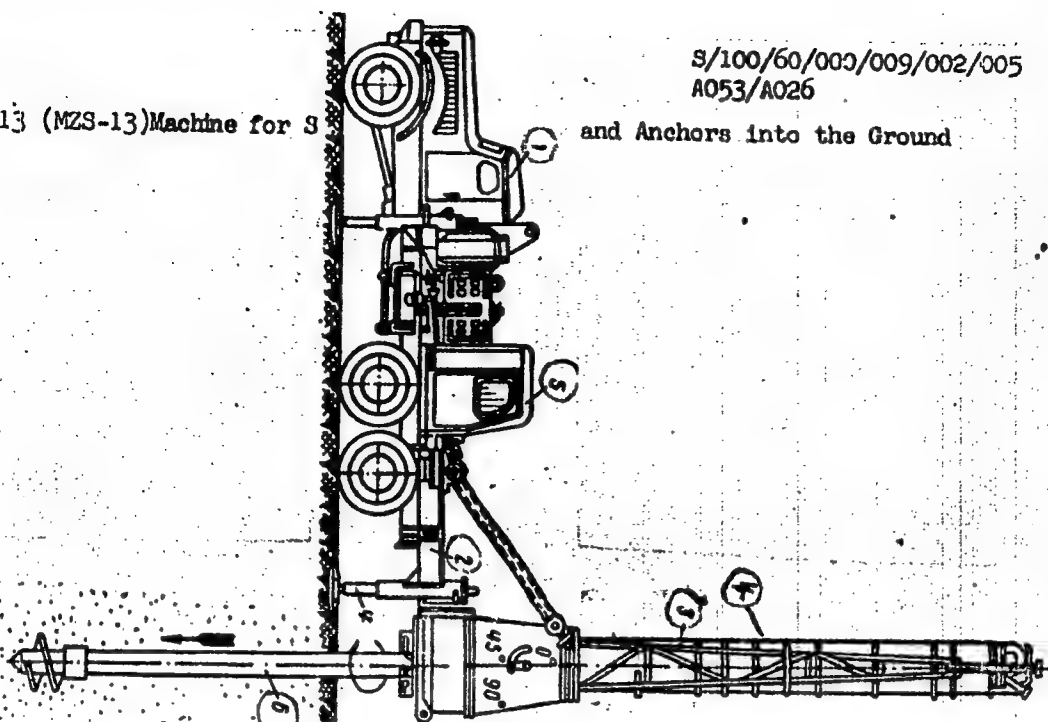
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M3C-13 (M2S-13) Machine for S

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and Anchors into the Ground



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COMMON ELEMENTS										COMMON VARIABLE									
MATERIALS INDEX										PROCESSING AND PROPERTIES INDEX									
<p>CH. IRODOV, M. V.</p>										<p>Is it necessary to refine fat mixtures before decomposition? <i>At. Irodov, Maslobolno Zhirevoe Delo 11, 404 (1935).</i> In the sapon. of cottonseed-oil fat mixts. the preliminary washing with H_2SO_4 is omitted, because it is believed that in the process of hydrogenation the fat mixt. is sufficiently freed from the albuminous and mucilaginous impurities. Factory samples of cottonseed-oil fat mixt. (liter 41.6%, initial acidity 6.3 mg.) on decompn. for 18 hrs. (in 3 stages) with the aid of 1.3% of gas-oil contact mass gave 85.2% sapon. The same fat mixt. after a preliminary washing with 25% of 2% H_2SO_4 for 2 hrs. on decompn. under identical conditions gave 95% sapon. The ppt. sepd. from the wash acid after distilling with H_2O formed a gray powder insol. in common org. solvents. On the addn. of 1% of this powder to the fat mixt. its sapon. rate was reduced 50%. The draining of wash acid is usually stopped as soon as the fat emulsion appears. The emulsion and bottom fat layers contain considerable portions of these coagulated residues possessing the anticatalytic properties. By washing cottonseed-oil fat mixts. with acid as described above and removing the emulsion and bottom fat layers together with the wash acid, a sapon. of 92.7-93.5% was effected. Chas. Blane</p>									
<p>ASSOCIATED METALLURGICAL LITERATURE CLASSIFICATION</p>										<p>COMMON SOURCE</p>									
<p>COMMON SYNONYMS</p>										<p>COMMON ABBREVIATIONS</p>									
<p>COMMON ABBREVIATIONS</p>										<p>COMMON ABBREVIATIONS</p>									

IRADOV, M. V.

PROCESSES AND REACTIONS INDEX

Optimum acidity of the aqueous phase in the hydrolytic decomposition of oils. M. V. Iradov and R. Larsson. *Makoletoe Zhivoe Delo* 13, No. 4, 39-40 (1937).--The max. hydrolyzing power of sulfonated petroleum (mol. wt. 230) is at 1% acidity (H₂SO₄) of the aq. phase and that of sulfonated gas oil (mol. wt. 344) at 2% acidity. The qty. of high-mol. sulfonic acids in the oil phase increases with the increase of the fatty acids in the oil, while that of the low-mol. sulfonic acids decreases. C. B.

653-56.6 METALLURGICAL LITERATURE CLASSIFICATION

653-56.6 METALLURGICAL LITERATURE CLASSIFICATION

Исход. М.В.

ИРЮДОВ, М.В., кандидат технических наук.

Esterification of fatty acids with glyderol. Masl.-zhir.prom.
17 no.8:14-17 Ag '52. (MLRA 10:9)

1. Nauchno-issledovatel'skiy institut shirov.
(Acids, Fatty) (Esterification) (Glycerol)

1. IRONOV, M.V.
2. USSR (600)
4. Oils and Fats
7. Changes in the color of fat during the process of decomposition.
Masl. zhir. prom. 17. no. 9. 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

IRODOV, M.V., kandidat tekhnicheskikh nauk, laureat Stalinskoy premii;
~~NAUMENKO~~ NAUMENKO, P.V., inzhener, laureat Stalinskoy premii; CHUKOV, P.N.,
inzhener, laureat Stalinskoy premii.

Work of sections for nonreactive splitting of fats. Masl.-shir.prom.
19 no.1:21-25 '54. (MLRA 7:2)

1. Glavrasshirmaalo (for Naumenko and Chukov). 2. Vsesoyuznyy nauchno-
issledovatel'skiy institut shirov (for Irodov). (Oils and fats)

IRODOV, M.V.

SERGEYEV, A., kandidat tekhnicheskikh nauk; IRODOV, M.V., kandidat tekhnicheskikh nauk; ARTOMONOV, P.A., kandidat khimicheskikh nauk; NEVOLIN, F.V., kandidat tekhnicheskikh nauk; GRAUERMAN, L.F. L.A., kandidat tekhnicheskikh nauk; BODYAZHINA, Z.I., kandidat tekhnicheskikh nauk.

"Technology of processing fats." B.N.Tiutiunnikov, P.V.Naumenko, I.M.Tovbin, G.G.Paniev. Reviewed by A.Sergeev, M.V.Irodov et al. Masl.-shir.prom. 19 no.6:31-32 '54. (MLRA 7:10)
(Oils and fats) (Tiutiunnikov, B.N.) (Naumenko, P.V.)

IRODOV, M.V., kandidat tekhnicheskikh nauk; FAROLO, L.V., inzhener;
~~RODOV, M.V.~~ SUDAKOV, V.M., inzhener.

Continuous splitting of fats in autoclaves without a catalyst.
Masl.-shir.prom. 21 no.8:16-19 '55. (MLRA 9:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut shirov (for
Irodov, Farolo); 2. Rostovskiy masloshirkombinat (for Sudakov).
(Oils and fats)

TYUTYUNNIKOV, Boris Nikanorovich, professor; NAUMENKO, Petr Vasil'yevich;
TOVBIN, Isaak Moiseyevich; FANIYEV, Garigin Georgiyevich; BODYAZHINA,
Z.I., kandidat tekhnicheskikh nauk, retsenzent; GRAUKERMAN, S.A.,
kandidat tekhnicheskikh nauk, retsenzent; IRODOV, M.V., kandidat
tekhnicheskikh nauk, retsenzent; KUPCHINSKIY, P.D., kandidat tekhnicheskikh nauk, retsenzent; SERGEYEV, A.G., kandidat tekhnicheskikh nauk, retsenzent; STERLIN, B.Ya., kandididat tekhnicheskikh nauk, retsenzent; MASLOVA, Ye.F., redaktor; CHEBYSHOVA, Ye., tekhnicheskij redaktor

[Technology of oil and fat processing] Tekhnologiya pererabotki shirov.
2-e izd., perer. i dop. Pod red. B.N.Tintunnikova. Moskva, Pishche-
promizdat, 1956. 494 p. (MIRA 10:2)
(Oils and fats)

IRODOV, M.V., kandidat tekhnicheskikh nauk.

Results of the work of the All-Union Scientific Research Institute
of Fats in 1956 and the problems of 1957. Masl.-shir.prom. 23
no.6:5-8 '57. (MLRA 10:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut shirov.
(Oils and fats)

RZHEKHIN, V.P., starshiy nauchnyy sotrudnik; BODYAZHINA, Z.I.; VENGEROVA, N.V.; VISHNEPOL'SKAYA, F.A.; GALUSHKINA, N.A.; GAVRILENKO, I.V.; GRAUERMAN, L.A.; IRODOV, M.V.; KARANTSEVICH, L.G.; KREYSINA, R.A.; KUPCHINSKIY, P.D.; LEVIT, M.S.; LEONT'YEVSKIY, K.Ye.; LITVINENKO, V.P.; LYUBCHANSKAYA, Z.I.; MAZYUKOVICH, V.A.; MAN'-KOVSKAYA, N.K.; NEVOLIN, F.V.; POGONKINA, N.I.; POPOV, K.S.; PREMET, G.K.; SARKISOVA, V.G.; SEMENOV, Ye.A.; STERLIN, B.Ye.; SERGEYEV, A.G., kand.tekhn.nauk, obshchiy red.; PRITYKINA, L.A., red.; TARASOVA, N.M., tekhn.red.

[Technical and chemical production control and accounting in the oils and fats industry] Tekhnokhimicheskii kontrol' i uchet proizvodstva v maslodobyvaishchei i zhiropererabatyvaishchei promyshlennosti. Moskva, Pishchepromizdat. Vol.1. 1958. 403 p.
(Oil industries) (MIRA 13:1)

IRODOV, M.V., kand.tekhn.nauk; MAKHINYA, V.M., inzh.

Effect of the method of purification of sweet water on the
distillation recovery of glycerine. Masl.-shir.prom. 24 no.1:18-23
'58. (MIRA 11:3)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut shirov.
(Glycerol)

IRODOV, M.V., kand. tekhn. nauk.

Boiling toilet soap base from split fats. Masl.-shir. prom. 24
no.2:21-23 '58. (MIRA 11:3)

1. Vsesoyuzny nauchno-issledovatel'skiy institut shirov.
(Soap) (Oils and fats)

IRODOV, M.V., kand. tekhn. nauk

Comments on the oils and fats industry in the Hungarian People's
Republic. Masl.-shir.prom. 25 no.2:43-45 '59. (MIRA 12:2)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut shirov.
(Hungary--Oil industries)

IRODOV, M.V., kand.tekhn.nauk

Coordination of the scientific research work. Masl.-zhir.
prom. 26 no.4:15-16 Ap '60. (MIRA 13:6)
(Oil industries)

IRODOV, M.V., kand.tekhn.nauk; POROLO, L.V., inzh.; ARUTYUNYAN, N.S., inzh.
Dmitriyeva, N.A.

Experience in the continuous splitting of fats in a column-type
apparatus. Masl.-zhir.prom. 26 no.7:30-31 J1 '60. (MIRA 13:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut shirov (for
Irodov, Porolo), 2. Zaporozhskiy masloshirovoy kombinat (for
Arutyunyan, Dmitriyeva).
(Zaporozh'ye--Oils and fats)

BODYAZHINA, Z.I.; VENGEROVA, N.V.; GEYSHINA, K.V.; GRAUERMAN, L.A.;
 IRODOV, M.V.; KARANTSEVICH, L.G.; KRAL'-OSIKINA, G.A.;
 KUPCHINSKIY, P.D.; LEONT'YEVSKIY, K.Ye.; LITVINENKO, V.P.;
 LYUBCHANSKAYA, Z.I.; MAZYUKOVICH, V.A.; MAN'KOVSKAYA, N.K.;
 NEVOLIN, F.V.; POGONKINA, N.I.; POPOV, K.S.; PREMET, G.K.;
 RZHEKHIN, V.P., starshiy nauchnyy sotrudnik; SARKISOVA, V.G.;
 SEMENOV, Ye.A.; STERLIN, B.Ya.; TIPISOVA, T.G.; SERGEYEV,
 A.G., kand.tekhn.nauk, red.; PRITYKINA, L.A., red.; GOTLIB,
 E.M., tekhn.red.

[Technochemical control and production accounting in the oils
 and fats industry] Tekhnokhimicheskii kontrol' i uchët proiz-
 vodstva v maslodobyvayushchei i shiroporerabatyvayushchei pro-
 myshlennosti. Moskva, Pishchepromizdat. Vol.2. [Special
 methods in the analysis of raw material and semiprocessed and
 finished products] Spetsial'nye metody analiza syr'ya, polu-
 fabrikatov i gotovoi produktii. 1959. 495 p. (MIRA 13:5)
 (Oil industries) (Oils and fats--Analysis)

IRODOV, M.V., kand. tekhn. nauk

Extraction of glycerin from soap stock. Masl.-zhir.prom. 26 no.11:
29-31 N '60. (MIRA 13:21)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Glycerol) (Soap)

IRODOV, Mikhail Vyacheslavovich, kand. tekhn. nauk; BELIKOVA, L.S.,
red.; SOKOLOVA, I.A., tekhn. red.

[Continuous reagent-free splitting of fats] Nepreryvnoe bez-
reaktivnoe rasshcheplenie zhirov. Moskva, Pishchepromizdat,
1961. 76 p. (MIRA 15:2)

(Oils and fats)

IRODOV, M.V., kand.tekhn.nauk

Composition of glycerin water obtained in the reagent-free
splitting of fats. Masl.-shir.prom. 28 no.12:21-24 D '62.

(MIRA 16:1)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut shirov.
(Glycerol) (Emulsions (Chemistry))

IRODOV, M.V. kand.tekhn. nauk; MAKHINYA, V.M., inzh.; Prinimali
uchastiye: VINOGRADOVA, Ye.F.; YELISEYEVA, N.S.

Obtaining improved glycerin from industrial bone fats. Masl.-
zhir. prom. 29 no.6:21-24 Je '63. (MIRA 16:7)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.
(Glycerol) (Bone products)

IRODOV, M.V., kand.tekhn.nauk

Improving the accounting in the glycerin manufacture. Masl.-zhir.
prom. 29 no.9:29-31 S '63. (MIRA 16:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut zhirov.

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ACCESSION NR: AP5020207

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665.3/35:668.2

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B

AUTHOR: Irodov, M. V. (Candidate of technical sciences)

TITLE: Loss of glycerine in the process of manufacture

SOURCE: Maslozhirovaya promyshlennost', no. 8, 1965, 23-26

TOPIC TAGS: glycerine fat, saponification, triglyceride

ABSTRACT: This paper summarizes the results of an enquiry conducted in 1963-1964 into the losses of glycerin during saponification of various fats. The obtained results were used to establish the following glycerin yield norms. (The yield norms refer to 88% glycerine). Cotton and sunflower oil and their hydrogenated forms--10.5%. Soybean oil and its hydrogenated form--9.37%. Mustard seed oil and its hydrogenated form--9.54%. Technical animal fat: I quality--10.26%, II--8.56%, and III--6.02%. It is recommended that the above figures be used in the planning of glycerin production. V. M. Makhinya, N. S. Yeliseyeva, and Ye. F. Vinogradova collaborated in the experiments. Orig. art. has: 2 tables.

ASSOCIATION: VNIIZh

SUBMITTED: 00
NO REF SOV: 001

ENCL: 00
OTHER: 000

SUB CODE: 00

Card 1/1

IRODOV, G. V.

Agriculture

Mechanization of corn picking. Kyiv, (Derzh, vyd-vo sil's'kohospodars'koi lit-ry URSR), 1951.

Monthly List of Russian Accessions, Library of Congress, June 1952. UNCLASSIFIED.

IRODOV, O.V., kand.tekhn.nauk

Get the most out of corn harvesting machinery. Mekh.sil'.
hosp. 10 no.7:1-3 J1 '59. (MIRA 12:12)
(Corn picker(Machine))

IRODOV, O.V., kand.tekhn.nauk

Co-ordinating transportation and the work of combines in harvesting corn. Mekh. sil'. hosp. 11 no.6:5-7 Ja '60. (MIRA 13:11)
(Corn(Maize)--Harvesting)

IRODOV, O.V., kand.tekhn.nauk

Performance of the corn combine in an operation cycle. Mekh.
sil'.hosp. 12 no.8:6-7 Ag '61. (MIRA 14:7)
(Corn picker (Machine))

Irodov, Roman Dmitri'yevich

PHASE I BOOK EXPLOITATION

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Irodov, Roman Dmitri'yevich

Raschet peregruzok i uglov krena samoleta pri dvizhenii po prostanstvennoy trayektorii (Analysis of Load Factors and Angles of Bank of an aircraft Moving Along a Three-dimensional Flight Path) Moscow, Oborongiz, 1957. 22 p. (Tsentral'nyy aero-gidrodinamicheskiy institut. Trudy, vyp. 702) Number of copies printed not given.

Ed.: Petrova, I. A.; Tech. Ed.: Lebedeva, L. A.; Chief Ed.: Latynin, Ye. V.

PURPOSE: This monograph is intended for engineers and scientific workers concerned with problems of aircraft dynamics.

COVERAGE: The author gives formulas which relate the parameters characterizing the flight conditions of an aircraft (speed, load factor, and angle of bank) to the characteristics of its flight path (flight-path angle, curvature, and position of the osculating plane). These formulas permit computation of the load factor and the angle of bank of an aircraft moving along any given three-dimensional flight path. By the method of differential geometry, the

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variants of the curve - the radius of curvature and the twist - are calculated. With the aid of the data obtained the load factors of the aircraft and the angles of bank at every point of the flight path are computed. Thus, having obtained the load factor, we can determine the

IRODOVA, F.N.

Economic significance of damages caused by the shield bug Eurygaster
integriceps Put. to winter wheat grain. Trudy VIZR no.20 pt.1:56-60
'64. (MIRA 18:10)

IROSHNIKOV, A.I.

IROSHNIKOV, A.I.

"Dead" horizon and water balance in soils of the Veliko-Anadol'
forest massif (concerning I.M.Labunskii's works). Pochvovedenie
no.7:99-102 J1 '57. (MIRA 10:11)

(Ol'ginka District--Soil moisture)

Preservation
IROSHNIKOV, A. I., Cand Agr Sci -- (diss) "~~Insuring of moisture~~ and
growth of protective oak plantings in the Azov ~~steppe~~ ^{steppes}." Mos,
1958. 20 pp (Acad Sci USSR, Inst of Forestry), 110 copies (KL, 18-58,
101)